

Serial No. 10/564,499
Office Action dated: September 14, 2010
Response dated: November 17, 2010

PATENT
PF030116
Customer No.: 24498

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Amendments to the claims

Please cancel claim 9 without prejudice.

1-11 (Cancelled)

12. (Previously Presented) Display device comprising:

means of reception of a video signal;

means of periodic generation of successive coloured beams taking successively at each period a plurality of determined primary colours, and comprising a first coloured wheel and a second coloured wheel successively traversed by a luminous beam, each coloured wheel carrying a plurality of coloured filtering sectors and being driven in rotation with an angular speed that is substantially identical;

means of modulation of each of said coloured beams for generating during a determined duration an image to be displayed in each of said determined primary colours as a function of the received video signal;

means for modifying the determined primary colours by varying the position of the second coloured wheel relative to the first coloured wheel; and

means of determination of the position of the second coloured wheel relative to the first coloured wheel as a function of the received video signal,

wherein each of said determined primary colours is obtained as a result of at least two distinct colours taken successively by the colour beam during the determined duration of modulation of this colour beam for generating an image in this primary colour.

13. (Cancelled)

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14. (Previously Presented) Display device comprising:

means of reception of a video signal;

means of periodic generation of successive coloured beams taking successively at each period a plurality of determined primary colours and comprising a first and a second identical coloured wheel successively traversed by a luminous beam, each coloured wheel carrying at least three coloured filtering sectors of respective colours yellow, magenta and cyan and being driven in rotation;

means of modulation of each of said coloured beams for generating during a determined duration an image to be displayed in each of said determined primary colours as a function of the received video signal;

means for modifying the determined primary colours by varying the phase shift of the second coloured wheel with respect to the first coloured wheel; and

means of determination of the said phase shift as a function of the received video signal;

wherein each of said determined primary colours is obtained as a result of at least two distinct colours taken successively by the colour beam during the determined duration of modulation of this colour beam for generating an image in this primary colour.